

F. Hamud

1646

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/202,455

DATE: 01/19/2000  
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This Raw Listing contains the General Information  
Section and up to first 5 pages.

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1 <110> APPLICANT: Yamaguchi, Kyoji  
2 Yasuda, Hisataka  
3 Nakagawa, Nobuaki  
4 Shima, Nobuyuki  
5 Kinoshita, Masahiko  
6 Tsuda, Eisuke  
7 Goto, Masaaki  
8 Yano, Kazuki  
9 Tomoyasu, Akihiro  
10 Kobayashi, Fumie  
11 Washida, Naohiro  
12 Takahashi, Ken  
13 Morinaga, Tomonori  
14 Higashio, Kanji  
15 <120> TITLE OF INVENTION: Novel Protein and Method for Producing the Protein  
16 <130> FILE REFERENCE: FJN-070  
17 <140> CURRENT APPLICATION NUMBER: US/09/202,455  
18 <141> CURRENT FILING DATE: 1998-12-15  
19 <150> EARLIER APPLICATION NUMBER: JP 97808/1997  
20 <151> EARLIER FILING DATE: 1997-04-15  
21 <150> EARLIER APPLICATION NUMBER: JP 151434/1997  
22 <151> EARLIER FILING DATE: 1997-06-09  
23 <150> EARLIER APPLICATION NUMBER: JP 217897/1997  
24 <151> EARLIER FILING DATE: 1997-08-12  
25 <150> EARLIER APPLICATION NUMBER: JP 224803/1997  
26 <151> EARLIER FILING DATE: 1997-08-21  
27 <150> EARLIER APPLICATION NUMBER: JP 332241/1997  
28 <151> EARLIER FILING DATE: 1997-12-02  
29 <150> EARLIER APPLICATION NUMBER: WO PCT/JP98/01728  
30 <151> EARLIER FILING DATE: 1998-04-15  
31 <160> NUMBER OF SEQ ID NOS: 19  
32 <170> SOFTWARE: PatentIn Ver. 2.0  
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42 Ala Pro Ser Ala Pro Ala Pro Ala Pro Pro Ala Ala Ser Arg Ser  
43 35 40 45  
44 Met Phe Leu Ala Leu Leu Gly Leu Gly Leu Gly Gln Val Val Cys Ser

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49          85          90          95
50 Asn Ala Gly Leu Gln Asp Ser Thr Leu Glu Ser Glu Asp Thr Leu Pro
51          100          105          110
52 Asp Ser Cys Arg Arg Met Lys Gln Ala Phe Gln Gly Ala Val Gln Lys
53          115          120          125
54 Glu Leu Gln His Ile Val Gly Pro Gln Arg Phe Ser Gly Ala Pro Ala
55          130          135          140
56 Met Met Glu Gly Ser Trp Leu Asp Val Ala Gln Arg Gly Lys Pro Glu
57          145          150          155          160
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60 Gly Ser His Lys Val Thr Leu Ser Ser Trp Tyr His Asp Arg Gly Trp
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62 Ala Lys Ile Ser Asn Met Thr Leu Ser Asn Gly Lys Leu Arg Val Asn
63          195          200          205
64 Gln Asp Gly Phe Tyr Tyr Leu Tyr Ala Asn Ile Cys Phe Arg His His
65          210          215          220
66 Glu Thr Ser Gly Ser Val Pro Thr Asp Tyr Leu Gln Leu Met Val Tyr
67          225          230          235          240
68 Val Val Lys Thr Ser Ile Lys Ile Pro Ser Ser His Asn Leu Met Lys
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70 Gly Gly Ser Thr Lys Asn Trp Ser Gly Asn Ser Glu Phe His Phe Tyr
71          260          265          270
72 Ser Ile Asn Val Gly Gly Phe Phe Lys Leu Arg Ala Gly Glu Glu Ile
73          275          280          285
74 Ser Ile Gln Val Ser Asn Pro Ser Leu Leu Asp Pro Asp Gln Asp Ala
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86 cagcggcccc ggcgtcccac acgaggggtcc gctgcacccc gcgccttctg caccggctcc 240
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105     ggagaggtat tccgatgctt atgaaaaact tacacgtgag ctatggaagg gggtcacagt 1380
106     ctctgggtct aaccctgga catgtgccac tgagaacctt gaaattaaga ggatgccatg 1440
107     tcattgcaaa gaaatgatag tgtgaagggt taagtctttt tgaattgtta cattgcgctg 1500
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185      50          55          60
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187      65          70          75          80
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189      85          90          95
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191      100         105         110
192      Pro Asp Ser Cys Arg Arg Ile Lys Gln Ala Phe Gln Gly Ala Val Gln
193      115         120         125
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198    Glu Ala Gln Pro Phe Ala His Leu Thr Ile Asn Ala Thr Asp Ile Pro
199          165          170          175
200    Ser Gly Ser His Lys Val Ser Leu Ser Ser Trp Tyr His Asp Arg Gly
201          180          185          190
202    Trp Ala Lys Ile Ser Asn Met Thr Phe Ser Asn Gly Lys Leu Ile Val
203          195          200          205
204    Asn Gln Asp Gly Phe Tyr Tyr Leu Tyr Ala Asn Ile Cys Phe Arg His
205          210          215          220
206    His Glu Thr Ser Gly Asp Leu Ala Thr Glu Tyr Leu Gln Leu Met Val
207          225          230          235          240
208    Tyr Val Thr Lys Thr Ser Ile Lys Ile Pro Ser Ser His Thr Leu Met
209          245          250          255
210    Lys Gly Gly Ser Thr Lys Tyr Trp Ser Gly Asn Ser Glu Phe His Phe
211          260          265          270
212    Tyr Ser Ile Asn Val Gly Gly Phe Phe Lys Leu Arg Ser Gly Glu Glu
213          275          280          285
214    Ile Ser Ile Glu Val Ser Asn Pro Ser Leu Leu Asp Pro Asp Gln Asp
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225    cccctgcgcg cctccgcgc catgttcgtg gccctcctgg ggctggggct gggccagggt 180
226    gtctgcagcg tcgccctgtt cttctatttc agagcgcaga tggatcctaa tagaatatca 240
227    gaagatggca ctactgcat ttatagaatt ttgagactcc atgaaaatgc agattttcaa 300
228    gacacaactc tggagagtca agatacaaaa ttaatactg attcatgtag gagaattaaa 360
229    caggcctttc aaggagctgt gcaaaaggaa ttacaacata tcgttggatc acagcacatc 420
230    agagcagaga aagcgatggt ggatggctca tggttagatc tggccaagag gagcaagctt 480
231    gaagctcagc cttttgctca tctcactatt aatgccaccg acatcccatc tggttcccat 540
232    aaagtgagtc tgtcctcttg gtaccatgat cgggggttggg ccaagatctc caacatgact 600
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